Notice No.4

Rules and Regulations for the Classification of Ships using Gases or other Low-flashpoint Fuels, July 2022

The status of this Rule set is amended as shown and is now to be read in conjunction with this and prior Notices. Any corrigenda included in the Notice are effective immediately.

Please note that corrigenda amends to paragraphs, Tables and Figures are not shown in their entirety.

Issue date: June 2023

Amendments to	Adoption Date	Applicable Date
Appendix LR3, Part A-1, LR 6.4	Corrigenda	N/A
Appendix LR3, Part A-1, LR 13.3	Corrigenda	N/A

LR Part A-1
Specific Requirements for Ships Using Hydrogen as Fuel

6 Fuel containment system

6.4.1 *General*

LR 6.4.1-04 Cylinders shall be designed, constructed and tested in accordance with recognised International or National Standards, such as EN ISO 9809 Gas cylinders — Design, construction and testing of refillable seamless steel gas cylinders and tubes, EN ISO 11120 Gas cylinders — Refillable seamless steel tubes of water capacity between 150 l and 3000 l, ISO 11119 Gas cylinders — Design, construction and testing of refillable composite gas cylinders and tubes, ISO 11515 Gas cylinders — Refillable composite reinforced tubes of water capacity between 450 l and 3000 l, ISO TS 17519 Gas cylinders — Refillable permanently mounted composite tubes for transportation, BS EN 17339 Transportable gas cylinders —Fully wrapped carbon composite cylinders and tubes for hydrogen, or other equivalent standards acceptable to LR. ASME Pressure Vessel Code may be referenced for pressure containment design if not fully covered in the relevant standards for the cylinders e.g. fatigue assessment, dynamic loads due to vessel motion using design by analysis approach as required.

13 Ventilation

13.3 *General*

LR 13.3-06 Ventilation fans shall be arranged such that 100 per cent of the required ventilation capacity remains available in each of the spaces listed in Appendix LR3, Part A-1, Sect 13.3 General, ~~LR 13.3 -03~~ LR 13.3 -02 of these Rules if a fan with a separate circuit from the main switchboard or emergency switchboard, or a group of fans with a common circuit from the main switchboard or emergency switchboard, is inoperable.

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